

10/810,504 INTERFERENCE SEARCH HISTORY PRINTOUT

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	0	(((light emit\$4 chip) or (((light emit\$4 diode) or "LED") chip) or (semiconductor chip) or (bare ((light emit\$4 diode) or "LED")) and ((fiber or fibre) optic) with "direct contact" with chip) and ((without or "no") encasement) and ((light receiving end) with match\$4 with size with (light emitting (region or portion))))).clm.	US-PGPUB	2006/08/11 17:16

	Type	Hits	Search Text	DBs
1	BRS	1	2003/0231843	US-PGPUB
2	BRS	0	2003/0004846	US-PGPUB
3	BRS	1	"20020120181"	US-PGPUB
4	BRS	1	"20030156430"	US-PGPUB
5	BRS	1	"20030231843"	US-PGPUB
6	BRS	1	"20030004846"	US-PGPUB
7	BRS	91955	(light emit\$6 diod\$4) or "LED"	US-PGPUB
8	BRS	793570	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
9	BRS	54305	(fiber or fibre) (optic\$4)	US-PGPUB
10	BRS	10920	S9 and S10	US-PGPUB
11	BRS	492	S9 and S10 and ferrule	US-PGPUB
12	BRS	357	S9 and S10 and ferrule and lens	US-PGPUB
13	BRS	8	S9 and S10 and ferrule and lens and endoscope	US-PGPUB
14	BRS	300	S12 and @ad < "20030326"	US-PGPUB
15	BRS	4948	S9 and S10 and lens	US-PGPUB
16	BRS	17	S9 and S10 and (dome lens)	US-PGPUB
17	BRS	2827	S16 and @ad < "20030326"	US-PGPUB
18	BRS	458	S9 and S10 and endoscope	US-PGPUB
19	BRS	247	S19 and @ad < "20030326"	US-PGPUB
20	IS&R	1	("6373568").PN.	USPAT
21	BRS	15	("4379233" "4800279" "5029245" "5042893" "5137364" "5424545" "5433197" "5539517" "5567937" "5608213" "5719024" "5760407" "5838451" "6075595" "6142629").PN.	US-PGPUB; USPAT; USOCR
22	BRS	12	("6373568").URPN.	USPAT
23	IS&R	1	("6921920").PN.	USPAT
24	BRS	25	("3676671" "4106078" "4883333" "5036834" "5143435" "5237403" "5491765" "5742115" "5746494" "5751869" "5823943" "5888194" "5971576" "6331156" "6371909" "6485414" "6491618" "6498948" "6516216" "6518600" "6528954" "6584335" "6692431" "6696703" "6793374").PN.	US-PGPUB; USPAT; USOCR
25	BRS	0	("6921920").URPN.	USPAT
26	IS&R	1	("6918693").PN.	USPAT

	Type	Hits	Search Text	DBs
27	BRS	8	("20020022766" "20020132108" "5585783" "5864642" "6260994" "6318887" "6402339" "6438302").PN.	US-PGPUB; USPAT; USOCR
28	BRS	0	("6918693").URPN.	USPAT
29	IS&R	1	("6318887").PN.	USPAT
30	BRS	8	("3938177" "4758764" "4803992" "4831429" "5471023" "5813403" "5925898" "6110106").PN.	US-PGPUB; USPAT; USOCR
31	BRS	3	("6318887").URPN.	USPAT
32	BRS	3	("6318887").URPN.	USPAT
33	BRS	15	S13 and "600"/\$.ccls.	US-PGPUB
34	BRS	10	S13 and "257"/\$.ccls.	US-PGPUB
35	BRS	20	S13 and "356"/\$.ccls.	US-PGPUB
36	BRS	43	S34 or S35 or S36	US-PGPUB
37	BRS	22	S37 and @ad < "20030326"	US-PGPUB
38	BRS	6	S13 and "362"/\$.ccls.	US-PGPUB
39	BRS	414	S11 and "362"/\$.ccls.	US-PGPUB
40	BRS	253	S16 and "362"/\$.ccls.	US-PGPUB
41	BRS	119	S41 and @ad < "20030326"	US-PGPUB
42	BRS	21	362/572.ccls.	US-PGPUB
43	BRS	6	362/573.ccls.	US-PGPUB
44	BRS	5	362/574.ccls.	US-PGPUB
45	BRS	29	362/572-574.ccls.	US-PGPUB
46	BRS	272	362/572-574.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
47	BRS	124	257/81.ccls.	US-PGPUB
48	BRS	541	257/81.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
49	BRS	25	("3676671" "4106078" "4883333" "5036834" "5143435" "5237403" "5491765" "5742115" "5746494" "5751869" "5823943" "5888194" "5971576" "6331156" "6371909" "6485414" "6491618" "6498948" "6516216" "6518600" "6528954" "6584335" "6692431" "6696703" "6793374").PN.	US-PGPUB; USPAT; USOCR
50	BRS	0	("6921920").URPN.	USPAT
51	BRS	673	257/88.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
52	BRS	560	600/178,182.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
53	BRS	154455	(light emit\$6 diod\$4) or "LED" and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
54	BRS	78	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
55	IS&R	1	("6832849").PN.	USPAT
56	BRS	793570	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
57	BRS	54305	(fiber or fibre) (optic\$4)	US-PGPUB
58	BRS	10920	S57 and S58	US-PGPUB
59	BRS	4320	385/115-117,119-121.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
60	BRS	34	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
61	BRS	941	S60 and endoscope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
62	BRS	48	S60 and endoscope and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
63	BRS	374	362/551,554,556,612,613,615,616,617,621.ccls.	US-PGPUB
64	BRS	793570	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
65	BRS	54305	(fiber or fibre) (optic\$4)	US-PGPUB
66	BRS	10920	S65 and S66	US-PGPUB
67	BRS	217	S64 and @ad < "20030326"	US-PGPUB
68	BRS	45	S64 and @ad < "20030326" and S67	US-PGPUB
69	BRS	1710	362/551,554,556,612,613,615,616,617,621.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
70	BRS	45	S70 and @ad < "20030326" and S67	US-PGPUB
71	BRS	45	S70 and @ad < "20030326" and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
72	BRS	1437	S70 and @ad < "20030326"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
73	BRS	45	S70 and @ad < "20030326" and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
74	BRS	3362	362/551,554,556,612,613,615,616,617,621,800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
75	BRS	428	S75 and @ad < "20030326"	US-PGPUB
76	BRS	793570	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
77	BRS	54305	(fiber or fibre) (optic\$4)	US-PGPUB
78	BRS	10920	S77 and S78	US-PGPUB
79	BRS	2917	S75 and @ad < "20030326"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
80	BRS	58	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
81	IS&R	1	("6921920").PN.	USPAT
82	IS&R	1	("4929070").PN.	USPAT
83	BRS	7	("4101196" "4113354" "4266534" "4415240" "4443069" "4548480" "4620773").PN.	US-PGPUB; USPAT; USOCR
84	BRS	12	("4929070").URPN.	USPAT
85	BRS	15	silicone with (index matching) with gel	USPAT
86	BRS	4	silicone same ((index matching) gel)	USPAT
87	BRS	22	silicone same ((index matching) with gel)	USPAT
88	BRS	793570	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
89	BRS	54305	(fiber or fibre) (optic\$4)	US-PGPUB
90	BRS	10920	S89 and S90	US-PGPUB
91	BRS	127	(dome lens)	US-PGPUB
92	BRS	0	(dome lens) and S88	US-PGPUB
93	BRS	17	S91 and S92	US-PGPUB
94	BRS	252	S91 and dome	US-PGPUB
95	BRS	46	S91 and (dome with lens)	US-PGPUB
96	BRS	18	S91 and dome and endoscope	US-PGPUB

	Type	Hits	Search Text	DBs
97	BRS	1	("2003/0235800").URPN.	USPAT
98	BRS	10	silicone same ((index matching) with gel) and lens	USPAT
99	BRS	2	(dome lens) with gel	US-PGPUB
100	IS&R	1	("6869206").PN.	USPAT
101	BRS	794087	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
102	BRS	54609	(fiber or fibre) (optic\$4)	US-PGPUB
103	BRS	10980	S102 and S103	US-PGPUB
104	BRS	185	433/29.ccls.	US-PGPUB
105	BRS	585	257/79.ccls.	US-PGPUB
106	BRS	97	385/34.ccls.	US-PGPUB
107	BRS	60	362/119.ccls.	US-PGPUB
108	BRS	926	S105 or S106 or S107 or S108	US-PGPUB
109	BRS	518	S109 and @ad < "20030326"	US-PGPUB
110	BRS	67	S104 and S110	US-PGPUB
111	BRS	820289	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
112	BRS	362234	(fiber or fibre) (optic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
113	BRS	2262	S113 with S112 with coupl\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
114	BRS	0	S114 same (wthout (casing or case or encasement or envelop\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
115	BRS	11676	((light emit\$6 diod\$4) or "LED") chip) or (diode chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
116	BRS	102	S113 with S116 with coupl\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
117	BRS	90	S113 and S116 and gel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
118	BRS	25	("3676671" "4106078" "4883333" "5036834" "5143435" "5237403" "5491765" "5742115" "5746494" "5751869" "5823943" "5888194" "5971576" "6331156" "6371909" "6485414" "6491618" "6498948" "6516216" "6518600" "6528954" "6584335" "6692431" "6696703" "6793374").PN.	US-PGPUB; USPAT; USOCR
119	BRS	0	("6921920").URPN.	USPAT
120	BRS	3597	362/551,554,556,612,613,615,616,617,621,800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
121	BRS	338	S113 with S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
122	BRS	236	S122 not S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
123	BRS	8	("6092935" "6108130" "6281997" "6283644" "6345138" "6376268" "6404948" "6542672").PN.	US-PGPUB; USPAT; USOCR
124	BRS	0	("6955483").URPN.	USPAT
125	BRS	11	("20020120181" "20030004846" "20030141507" "20030156430" "20030231843" "20030235800" "4385344" "5634711" "5680492" "6260994" "6260994" "6318887" "6331156" "6438302" "6832849" "6918693" "6921920" "6932599").PN.	USPAT
126	BRS	36	("20020120181" "20030004846" "20030141507" "20030156430" "20030231843" "20030235800" "4385344" "5634711" "5680492" "6260994" "6260994" "6318887" "6331156" "6438302" "6832849" "6918693" "6921920" "6932599").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT
127	BRS	877	385/901.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
128	BRS	0	385/901.ccls. and S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
129	BRS	3	385/901.ccls. and S113 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
130	BRS	136	385/88-94.ccls. and S113 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
131	BRS	2	JP-2005012092-\$.did.	JPO; DERWENT
132	BRS	2	JP-05264871-\$.did.	JPO; DERWENT
133	BRS	52	matsubara-takao.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
134	BRS	41	hanamitsu-kiyoshi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
135	BRS	10	akiyoshi-hirokazu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
136	BRS	3597	362/551,554,556,612,613,615,616,617,621,800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
137	BRS	1624	257/81,82.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
138	BRS	11676	((light emit\$6 diod\$4) or "LED") chip) or (diode chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
139	BRS	362234	(fiber or fibre) (optic\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
140	BRS	4457	385/92,93,901,117,119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
141	BRS	9447	S137 or S138 or S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
142	BRS	1337	S139 and S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
143	BRS	160	S142 and S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
144	BRS	8	("6092935" "6108130" "6281997" "6283644" "6345138" "6376268" "6404948" "6542672").PN.	US-PGPUB; USPAT; USOCR
145	BRS	0	("6955483").URPN.	USPAT

	Type	Hits	Search Text	DBs
146	BRS	8	("6092935" "6108130" "6281997" "6283644" "6345138" "6376268" "6404948" "6542672").PN.	US-PGPUB; USPAT; USOCR
147	BRS	413	362/554-556.ccls.	US-PGPUB; USPAT; USOCR
148	BRS	35	362/554,556.ccls. and 362/555.ccls.	US-PGPUB; USPAT; USOCR
149	BRS	11	362/572-574.ccls. and 362/555.ccls.	US-PGPUB; USPAT; USOCR
150	BRS	11676	((light emit\$6 diod\$4) or "LED") chip) or (diode chip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
151	BRS	362234	((fiber or fibre) (optic\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
152	BRS	308	(light emitting (surface or face)) with S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
153	BRS	308	((light emitting (surface or face)) with S151) and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
154	BRS	38	((light emitting (surface or face)) with S151) and S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
155	BRS	181	((light emitting (surface or face))) and S151 and S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
156	BRS	143	S156 not S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
157	BRS	21	S151 with (on or against or contact\$4) with S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
158	BRS	62	S151 same (on or against or contact\$4 or integral) same S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
159	BRS	41	S159 not S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
160	BRS	936	S151 and (on or against or contact\$4 or integral) and S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
161	BRS	21	S153 and (on or against or contact\$4 or integral) and S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
162	BRS	102	\$151 with coupl\$5 with \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
163	BRS	6	\$153 with coupl\$5 with \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
164	BRS	102	\$163 or \$164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
165	IS&R	1	("4101197").PN.	USPAT
166	BRS	6	("3628036" "3923371" "3936143" "3948582" "3954338" "3976355").PN.	US-PGPUB; USPAT; USOCR
167	BRS	15	("4101197").URPN.	USPAT
168	BRS	17	\$151 with (contact\$4 or (direct contact\$4)) with \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
169	BRS	17	\$151 with (contact\$4 or (optical contact\$4)) with \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
170	BRS	17	\$169 or \$170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
171	BRS	1179	257/94.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
172	BRS	2356	257/98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
173	BRS	2281	257/99.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
174	BRS	5004	\$172 or \$173 or \$174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
175	BRS	70	\$175 and \$151 and \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
176	BRS	319	250/227.24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
177	BRS	9	\$177 and \$151 and \$152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
178	IS&R	1	("6331156").PN.	USPAT

	Type	Hits	Search Text	DBs
179	IS&R	0	("3564233" "4675575" "4682079" "4777571" "4780798" "5104608" "5226709" "5300864" "5313187" "5363470" "5410460" "5495147" "5558422" "5639157" "6053628" "6157139" "6160948" "6200003" "6265834" "6344716" "6461019" "6471562" "6578981" "6869313").PN.).PN.	USPAT
180	BRS	49	("3564233" "4675575" "4682079" "4777571" "4780798" "5104608" "5226709" "5300864" "5313187" "5363470" "5410460" "5495147" "5558422" "5639157" "6053628" "6157139" "6160948" "6200003" "6265834" "6344716" "6461019" "6471562" "6578981" "6869313").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
181	BRS	24	("3564233" "4675575" "4682079" "4777571" "4780798" "5104608" "5226709" "5300864" "5313187" "5363470" "5410460" "5495147" "5558422" "5639157" "6053628" "6157139" "6160948" "6200003" "6265834" "6344716" "6461019" "6471562" "6578981" "6869313").PN.	US-PGPUB; USPAT
182	BRS	17	("20020120181" "20030004846" "20030141507" "20030156430" "20030231843" "20030235800" "4385344" "5634711" "5680492" "6260994" "6260994" "6318887" "6331156" "6438302" "6832849" "6918693" "6921920" "6932599").PN.	US-PGPUB; USPAT
183	BRS	852576	(light emit\$6 diod\$4) or "LED"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
184	BRS	581	600/178,182.ccls.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
185	BRS	891	433/29.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
186	BRS	10282	385/34,88-94,115-117,119-121,901.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
187	BRS	7107	257/79,81,82,88,94,98.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
188	BRS	322	250/227.24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
189	BRS	4538	362/551,554,555,556,572,573,574,612,613,615,616,617,621,800.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
190	BRS	136526	((fiber or fibre) optic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
191	BRS	3419	((fiber or fibre) optic) with (light guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
192	BRS	2184	((fiber or fibre) optic) (light guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
193	BRS	136526	S206 or S207 or S208	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
194	BRS	9230	(bare or chip) ((light emit\$6 diod\$4) or "LED")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
195	BRS	19632	(bare or chip) with ((light emit\$6 diod\$4) or "LED")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
196	BRS	19632	S210 or S211	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
197	BRS	1013	S209 and S212	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
198	BRS	181	S213 and ((in contact) or (direct contact) or (direct\$4 against))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
199	BRS	196	S213 and ((in contact) or (direct\$4 contact) or (direct\$4 against))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
200	BRS	196	S214 or S215	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
201	BRS	22884	S193 or S194 or S201 or S203 or S204 or S205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
202	BRS	185	S217 and S213	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

	Type	Hits	Search Text	DBs
203	BRS	154	S218 not S216	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
204	BRS	0	((light emit\$4 chip) or ((light emit\$4 diode) or "LED") chip) or (semiconductor chip) or (bare ((light emit\$4 diode) or "LED")) and ((fiber or fibre) optic) with "direct contact" with chip) and ((without or "no") encasement) and ((light receiving end) with match\$4 with size with (light emitting (region or portion))))).clm.	US-PGPUB